

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025983.D
 Acq On : 23 Dec 2021 19:47
 Operator : JC/MD
 Sample : VSTD05056
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050656

Quant Time: Dec 23 20:17:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 20:14:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	210582	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106940	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	76564	44.662	ug/L	0.00
7) Chloroethane-d5	1.666	69	60273	43.333	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	149533	49.308	ug/L	0.00
21) 2-Butanone-d5	4.459	46	131758	107.308	ug/L	0.00
24) Chloroform-d	5.068	84	150862	47.002	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	100957	48.231	ug/L	0.00
32) Benzene-d6	5.977	84	295670	48.104	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	92980	49.504	ug/L	0.00
41) Toluene-d8	8.653	98	275434	47.353	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	40752	49.495	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	97087	113.091	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	134798	50.901	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	104037	46.648	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	106489	53.579	ug/L	100
3) Chloromethane	1.294	50	98999	51.558	ug/L	98
5) Vinyl chloride	1.374	62	96349	49.039	ug/L	100
6) Bromomethane	1.605	94	59814	45.189	ug/L	99
8) Chloroethane	1.685	64	59019	46.595	ug/L	99
9) Trichlorofluoromethane	1.892	101	148626	50.126	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	75892	51.336	ug/L	94
12) 1,1-Dichloroethene	2.325	96	71129	51.713	ug/L	90
13) Acetone	2.380	43	72063	78.443	ug/L	93
14) Carbon disulfide	2.514	76	195151	49.012	ug/L	99
15) Methyl Acetate	2.709	43	97615	54.277	ug/L #	91
16) Methylene chloride	2.794	84	80707	47.954	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	75278	48.005	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	247577	49.963	ug/L	96
19) 1,1-Dichloroethane	3.617	63	142293	50.503	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	84296	47.914	ug/L	90
22) 2-Butanone	4.562	43	132582	97.263	ug/L	95
23) Bromochloromethane	4.904	128	43049	47.377	ug/L #	81
25) Chloroform	5.099	83	148724	48.731	ug/L	100
27) 1,2-Dichloroethane	6.092	62	123248	50.343	ug/L	96
29) Cyclohexane	5.477	56	133066	51.992	ug/L	94
30) 1,1,1-Trichloroethane	5.391	97	125041	49.155	ug/L	95
31) Carbon tetrachloride	5.684	117	106864	48.860	ug/L	100
33) Benzene	6.044	78	325539	50.377	ug/L	100
34) Trichloroethene	7.129	95	81164	48.357	ug/L	94
35) Methylcyclohexane	7.385	83	132538	51.136	ug/L	94
37) 1,2-Dichloropropane	7.434	63	82625	51.698	ug/L	97
38) Bromodichloromethane	7.824	83	108838	50.680	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	121144	51.496	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	284042	114.277	ug/L	94
42) Toluene	8.720	91	349973	50.099	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	117717	53.141	ug/L	98

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45) 1,1,2-Trichloroethane	9.153	97	80096	49.010	ug/L	98
46) Tetrachloroethene	9.275	164	62875	48.376	ug/L	97
48) 2-Hexanone	9.433	43	213819	107.306	ug/L	96
49) Dibromochloromethane	9.525	129	84234	49.311	ug/L	98
50) 1,2-Dibromoethane	9.610	107	85036	49.148	ug/L	100
51) Chlorobenzene	10.079	112	217422	48.310	ug/L	95
52) Ethylbenzene	10.195	91	383361	50.903	ug/L	95
53) m,p-Xylene	10.305	106	144989	48.889	ug/L	93
54) o-Xylene	10.640	106	142904	49.631	ug/L	84
55) Styrene	10.659	104	246639	50.790	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	133589	51.748	ug/L	98
59) Bromoform	10.799	173	55979	47.595	ug/L	100
60) Isopropylbenzene	10.963	105	376916	48.897	ug/L	96
61) 1,2,3-Trichloropropane	11.238	75	109276	50.396	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	319640	49.417	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	320940	49.524	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	167232	47.603	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	164566	46.967	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	165029	47.639	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	28998	56.103	ug/L	86
69) 1,3,5-Trichlorobenzene	13.116	180	113583	49.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	100463	52.754	ug/L	99
71) Naphthalene	13.774	128	391731	59.819	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	103966	54.462	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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